



# THE RARA RAG

Newsletter of The Rochester Amateur Radio Association, Inc.  
Founded in 1931

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## ANNUAL AUCTION - IN PERSON ONLY

TIM BARRETT, K9VB, RARA VICE PRESIDENT

The RARA Annual Auction is coming Wednesday, November 2<sup>nd</sup> so it is really time to dust off the equipment you no longer love or get ready to find a new treasure! The entire November meeting will be dedicated to the auction; in fact, we'll be opening the doors early at 6:15PM to let sellers bring in the treasures they're hoping to go home without. At 6:30 members not selling can begin perusing the items to see them up close before they hit the auction block starting at 7:00. **If you are not selling any items, please don't arrive before 6:30**, vendors need time and space to get things ready.



We will be providing stickers that you can use as you browse items. Place a marker on an item if you are interested in it. We will be using the markers to adjust the order of auctioned items to move things along a little faster and make things more interesting.

Our auctioneers will be Ed Gable, K2MP, and Scott Theis, W2LW and are sure to provide us with an entertaining evening. We are also looking for pickers and runners who can help to make the auction run smoothly. If you would like to give it a try, please email me at [vicepresident@rochesterham.org](mailto:vicepresident@rochesterham.org).

The auction is a members-only event, so please renew your membership online if you haven't already. Our membership secretary, (me!) will be at the entrance checking membership and helping members renew if they were unable to do so in advance.

Please bring up to three items you have that are radio related and that you feel may be of interest to a fellow ham. Each item should be clearly labeled with three important pieces of information: (1) Your name & call; (2) A description (is it working?); and (3) Your desired starting price. Attached to the Rag is a form you can use (which is also available on the club's website).

A good suggestion that Ed Gable always reminds us, if the item you hope to sell is battery operated then put a battery in it so people can see it works! (This may be a good time to replace the batteries in your smoke detectors and recycle the old ones into the items you are selling).

Procedural notes: Sellers: Please bring a piece of cardboard to put under any item that could scratch the tables. Also, please note that the club will benefit by keeping 10% of the final sale price. Buyers: Be aware that we can only accept cash. All items are sold "as is". Complete procedural information is provided on page 8.

Please join in the fun! Even if you have nothing to sell! This is a great event and a nice way to spend an evening. Wednesday November 2<sup>nd</sup>, 2022 — doors open at 6:15PM for sellers, 6:30 to review, 7:00 start. We will be trying to wrap up around 10:00pm. Some COVID precautions remain in place. We suggest that you wear a mask if you are unvaccinated. Meeting at the BSA, 2320 Brighton-Henrietta Town-line Road, Brighton, NY 14623. Dual online/in-person meetings will return in December.

# RARA



# BOARDZ BUZZ

RICH BISHOPP, KD2UBJ, RARA DIRECTOR

Why is RARA putting Elmers in a corner? Well lets first make sure we know what an Elmer is. An Elmer is someone with experience in ham radio who is willing to help others in ham radio. Notice I didn't say an old guy. An Elmer can be a young person too, male or female. The Elmer just needs to have experience in the topic of discussion. Experience is failures and successes. Maybe, or maybe not, a formal education in radio or electronics too.

Many years ago you would have one Elmer. An OM (Old Man) who talked to foreign lands late at night on a radio and most likely used Morse code. He got you interested by explaining how the radio worked and that he just talked to someone in Japan or in Germany. Today we are likely to have more than one Elmer. We actually have a whole club full. We also turn to the internet or YouTube for information and learning. We might have an Elmer best suited to digital modes. Or maybe satellite operations. We all know there are so many things we can do with our radios and that no one person can be an expert in all of them. Well, maybe someone can?

My first Elmer got me started in learning what I needed to pass the technician exam and then the general exam. I did most of the studying on my own and asked a couple questions along the way. Then he encouraged me to make a smart selection for my first radio. I was determined to jump right into QRP since my interest from the start was portable operations and not being tied to a home shack. I learned that QRP might not be the best first choice. 100 watts was the better option to keep from getting frustrated along with a good multi-band antenna, quality coax and don't forget a power supply if your radio doesn't have that built in. I probably would have forgotten the power supply until the radio showed up, HaHa.

My 2nd Elmer has been lots of help when it comes to portable operations and QRP. Portable antenna options and set up. Understanding propagation and knowing if you're actually getting anywhere with your signal.

And then I turn to the many Elmers' in RARA who are all hanging out (in the corner) waiting to help me out. Suzanne, W2SUZ, and I host the club's zoom session - Elmers' Corner. First Saturday of the month at 10 AM. During the Elmers' Corner we have discussed so many different subjects relating to radio. Emergency operations and community service. Antenna set ups and fall downs. RF safety. Batteries. Radios. The list goes on and on. Everyone in the zoom session can and does contribute with knowledge and experience. We have many seasoned veterans of ham radio and many like me fairly new and learning from others knowledge base and experience. It is very fun when I get to share some of my experiences with the group since it gives real world trial and error, success and failure. Participation in Elmers' Corner has been great. 20 participants is not uncommon and gives us so much to share.

We have such a great club to be able to offer its members so much. Please join us in the corner at the zoom Elmers' Corner next month and just listen or jump in

and ask a question or answer one. You can also send an email to [Elmerscorner@rochesterham.org](mailto:Elmerscorner@rochesterham.org) if you have something that you'd like to get help with. Also don't forget to look at the Elmers' Corner page on the RARA website and see the list of many Elmers you can turn to for something specific or just a general question.

See you in the corner.

## CALENDAR OF EVENTS

**WEDNESDAY NOVEMBER 2, 2022** - RARA Annual Auction  
7:00 PM - Members Only

**THURSDAY NOVEMBER 3, 2022** - RARA Board of Directors Meeting  
6:30 PM - ONLINE  
Email request for link to [secretary@rochesterham.org](mailto:secretary@rochesterham.org)

# RARA MEMBERSHIP

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

Our club has a very healthy membership, standing at 584 members on September 30<sup>th</sup>, the end of our membership year. Thanks to all of those who have already renewed but there are still a number of lapsed members, currently our membership stands at 469 so if you haven't done so yet, please renew your membership [here](#).

There are many membership benefits, here are just some of them:

- Only members can attend the RARA Annual Auction
- Free admission to the RARA Hamfest
- Access to license classes and discounts for license manuals
- Annual events such as the Picnic and Winterfest
- Membership points for contributing to club events

Being a member is also important, as your dues and a healthy membership count contribute to many RARA activities such as Rag subscription, monthly meetings, RARA Academy sessions Elmer's Corner, [groups.io](#) mailing list, Facebook page, etc. Attracting good speakers is greatly helped when we can point to the size of our club, one of the largest ARRL affiliated clubs by the way. So, if you are not currently a member or have lapsed, please consider changing that!

I'd like to give a warm welcome to new life member Dave Farnsworth WJ2O and to our new full members:

Mark Lord, KD2ZLR  
Richard Palasynski, KC2LGR  
Richard Sherman, KP4FIR  
Michael Stowe, WC2M  
Lisa Stowe, N4LCS

Also, a big welcome to our new associate members:

Linda Blair  
Joe Bove  
Phil Chapman  
Robert Doehler  
Dora, Maggie and Alanna Flowers  
Adrian and Tiffany Ford  
Jason Hendricks  
Argo and Leto Manning  
Jesse Perkins  
Dave Pulhamus  
Mark Schrader  
Gerard Watkins

Good luck to our Associate members in passing the tests and getting a license. When you do so, please let me know ([membership@rochesterham.org](mailto:membership@rochesterham.org)) so I can add your call to the membership and upgrade you to full membership.

If you see any of our new members at a meeting or event make sure to introduce yourself and welcome them to the club!

Sadly, I also have to report that two of our past presidents have recently become silent keys. Len Gessin WA2ZNC passed away on September 19<sup>th</sup>. He was RARA president from 1978-1979 as well as a long term contributor to the AWA. Dick Goslee KG2I passed away on September 27<sup>th</sup>. He was president of RARA from 1986-7 and again from 2005-6. Dick made many contributions to the club but will be best remembered for his role as one of our auctioneers at the annual RARA auction. They are both sadly missed and our condolences to Len and Dick's families and many friends.



## EDUCATION

Karl Heinz Kremer, K5KHK, Education Coordinator

### RARA LICENSE COURSES

Karl Heinz Kremer, K5KHK, License Class Coordinator

#### License Classes

Our Technician license class has started and is past the half way point with 10 students still working on getting their first ham radio license.

#### New Technician Question Pool

As I've mentioned before, since July 1, all Technician license exams are now using the new question pool, which means that you need the 5th edition of the ARRL License Manual to study for the test. The 4th edition, which we've used before does not cover the new test.

#### License Manuals

The current editions of the Technician, General and Amateur Extra license manuals are available to our members at a discount for \$25. For this discount, we unfortunately cannot deliver, and you would have to pick up the manual. If you are interested, please send an email to [education@rochesterham.org](mailto:education@rochesterham.org)

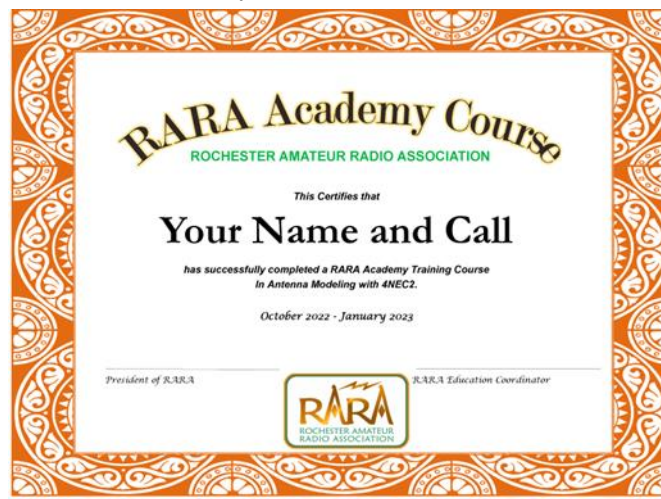
I usually have some license manuals with me at official RARA events (e.g. the monthly meetings).

### RARA ACADEMY

We had our first session of the "Antenna Modeling with 4NEC2" RARA Academy session, in which we modeled a simple 20m dipole antenna. I heard from a number of people who took these newly learned skills and applied them to their own antennas. It's not too late to join the class, we have a recording of the first

session. Let me know if you are interested in joining via our education email address: [education@rochesterham.org](mailto:education@rochesterham.org)

For those who complete the series, we will have a certificate:



We are still looking for input in what our next Academy session should cover. To make it easy for our members to provide such input, we created an online survey. Please go to <http://tiny.cc/RaRaAcademySurvey2022> and fill out the survey. If this short link should not work, you can also use this link:

[https://docs.google.com/forms/d/e/1FAIpQLSfe\\_RvJyAfc2BidWxePLvK1r\\_CjQosS1PV0Ua6m2zETiyPa-w/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfe_RvJyAfc2BidWxePLvK1r_CjQosS1PV0Ua6m2zETiyPa-w/viewform)

And last, but not least, let's welcome our new RARA Academy Coordinator John Viggiano, NV2K. Thank you, John, for volunteering for this role, and welcome to the education team.

### RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ  
Rich Bishopp, KD2UBJ  
Elmers' Corner Coordinators

Our next Elmers' Corner is Nov. 5 from 10 a.m. to 12 p.m. We have tackled the security issue that we ran into last month and can't wait to see you all soon!

If you would like to view a recording of our last Elmers' Corner, just let me know and I will send you a link.

Zoom is easy and available for everyone. Grab a cup of coffee (or whatever you like) and join us. We talk about everything and anything radio related. Bring your questions, your tips and tricks, or just come and join in the conversation.



The Elmers' Corner happens the 1<sup>st</sup> Saturday of every month, Sept. through May, 10 a.m. to 12 p.m. But if you have a question or need help before then, just let us know. Reach out to us at any time at [elmerscorner@rochesterham.org](mailto:elmerscorner@rochesterham.org), we will do our best to find the right Elmer to answer your question.

### ELMERS' CORNER

1st Saturday of the month  
Nov. 5, 10 a.m. to 12 p.m.

Join Zoom Meeting

<https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09>

Meeting ID: 834 8467 4667

Passcode: 786545

One tap mobile

+16465588656,,83484674667#,,,,\*786545# US (New York)

+13126266799,,83484674667#,,,,\*786545# US (Chicago)

Dial by your location

+1 646 558 8656 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US (Washington DC)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Find your local number: <https://us02web.zoom.us/j/kiOoVkCMY>

## MORSE CODE TRAINING

**DAVE WILSON, WA2HOY, RXCWG COORDINATOR**

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

### BEGINNERS MORSE CODE ZOOM CLASSES

Peter Fournia, W2SKY, hosts Morse Code classes on Thursday evenings 7pm.

No experience required.

Join the group at any session.

Register at: [pfournia@gmail.com](mailto:pfournia@gmail.com)

### MORSE PRACTICE FOR ALL LEVELS ON ZOOM

Tim Brown, WB2PAY, hosts code practice for all levels on Thursday evenings at 7:30pm.

Register at: [tjbrown@rochester.rr.com](mailto:tjbrown@rochester.rr.com)

Those wanting to start into CW QSOs and Morse Code can schedule coaching sessions on Zoom. Contact Peter Fournia, W2SKY for further details.

**W1AW** - <http://www.arrl.org/w1aw-operating-schedule>

### W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri
<b>9 AM</b>		Fast	Slow	Fast	Slow
<b>4 PM</b>	Fast	Slow	Fast	Slow	Fast
<b>7 PM</b>	Slow	Fast	Slow	Fast	Slow
<b>10 PM</b>	Fast	Slow	Fast	Slow	Fast

SLOW - 5, 7 1/2, 10, 13 and 15 wpm

FAST - 35, 30, 25, 20, 15, 13 and 10 wpm

FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555

## RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	<a href="mailto:tjbrown@rochester.rr.com">tjbrown@rochester.rr.com</a>
Dave Carlson	N2OA	Batavia	<a href="mailto:kdcarlso@gmail.com">kdcarlso@gmail.com</a>
Lawrence Hill	N2AJX	Henrietta	<a href="mailto:lawrence.hill@rit.edu">lawrence.hill@rit.edu</a>
Rich Hoffarth	K2AXP		<a href="mailto:rhoffarth2000@yahoo.com">rhoffarth2000@yahoo.com</a>
Bill Kasperkoski	WB2SXY	Pittsford	<a href="mailto:wb2sxy@gmail.com">wb2sxy@gmail.com</a>
Don Kiser	AC2EV	N Greece	<a href="mailto:dkiser100@gmail.com">dkiser100@gmail.com</a>
Karl Heinz Kremer	K5KHK	Chili	<a href="mailto:k5khk@khk.net">k5khk@khk.net</a>
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		<a href="mailto:mikemoore@ieee.org">mikemoore@ieee.org</a>
Peter Schuch	WB2UAQ	Perinton	<a href="mailto:pschuch@rochester.rr.com">pschuch@rochester.rr.com</a>
Forest Shick	WA2MZG	Webster	<a href="mailto:fshick3@gmail.com">fshick3@gmail.com</a>
Dave Timmons	W2DST	N Greece	<a href="mailto:dstimmons@gmail.com">dstimmons@gmail.com</a>
Steve Verzulli	KA1CNF		<a href="mailto:verzulli@yahoo.com">verzulli@yahoo.com</a>
Dan Waterstraat	W2DEW	Henrietta	<a href="mailto:higreen@rochester.rr.com">higreen@rochester.rr.com</a>

**CW ELMERS**

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	<a href="mailto:w2ned@frontiernet.net">w2ned@frontiernet.net</a>
Tim Brown	WB2PAY	Ogden	<a href="mailto:tjbrown@rochester.rr.com">tjbrown@rochester.rr.com</a>
Pete Fournia	W2SKY	Penfield	<a href="mailto:pfournia@gmail.com">pfournia@gmail.com</a>
Bill Hopkins	AA2YV	Brighton	<a href="mailto:whopkin4@naz.edu">whopkin4@naz.edu</a>
Bob Karz	K2OID	Webster	<a href="mailto:rkarz@rochester.rr.com">rkarz@rochester.rr.com</a>
Joe Rowe	AG2Y	Webster	<a href="mailto:ag2y@rochester.rr.com">ag2y@rochester.rr.com</a>
Harry Williams	KF2TV	Kingsland, GA	<a href="mailto:harryw7872@gmail.com">harryw7872@gmail.com</a>

## PROFESSOR'S Pic(k)s

**JEFF SONSTEIN, WA2RRB**

## Recreating PONG

## 3D Printed Circuit Boards

## Online Calculators



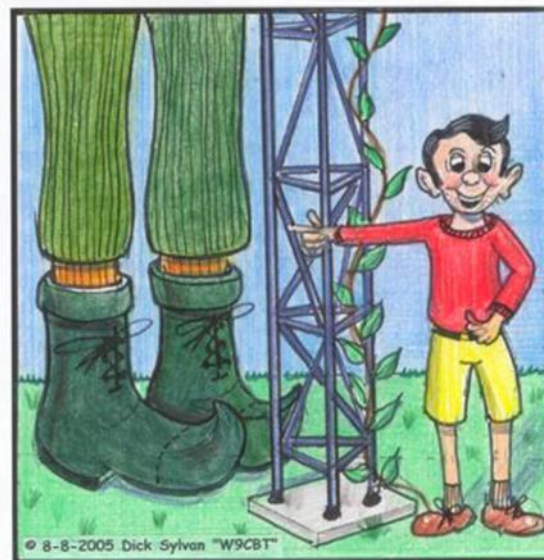
## 6502 Instruction Set Mug

## NOVEMBER RAFFLE PRIZES

- No raffle in November
- Coming in December**
- Yaesu FT-4X



## HAM QUIPS "Jack & The Beam-Stalk"



" My Friend Jack Will Be Glad To Climb Up Your Tower For You".

Dick Sylvan, W9CBT, is a very accomplished ham radio cartoonist and his work appeared previously in the K9YA Telegraph and also appears in the NAQCC Newsletters. His book "HI - HI – A Collection of Ham Radio Cartoons" is available at [www.lulu.com](http://www.lulu.com)



# PUBLIC SERVICE REPORT

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR

## Fairport Liftbridge Regatta Results

RARA provided event communications for the Fairport Liftbridge Regatta on Saturday September 24. The organizer for this event is the Fairport Crew Club and the regatta featured 28 separate race events. The Fairport Crew Club provides opportunities for youth grades 6-12 to learn to row and be part of a competitive rowing team. FCC also offers Summer Youth and Adult rowing opportunities.

The Liftbridge Regatta is held on the canal in Perinton and the course map is shown to the right. Rowers enter the canal at the FCC boathouse located near the Rt. 31F bridge. The boats then row to the start line near the 490 canal crossing in Busnell's Basin. From the start line, the race course follows the canal north to the finish line located at the Rt. 31F bridge. Hams are located at the start and finish lines, on the water in a boat, and at the safety monitor posts along the course. The race command post (Net Control) was located at the picnic pavilion of Perinton Park. Race conditions are reported, and logged by net control using a directed net. Other communications jobs include shadowing race officials, advising recreational boats to stay to one side of the course, and monitoring the position of the Colonial Belle excursion boat. Thank you communications team members including Joe - AD2DB, Nick - AF2M, George - K4GWA, Mike - K9SUB, Shawn - KC2KYB, Mike - KC2NM, Len - KC2PCD, Mark - KC2UES, Dawn - KC2VJU, Paul - KD2DO, Tom - KD2IOB, Kendall - KD2ZMB, Brian - WM2W. Cindy Manuele served as Net Control Scribe. Special thanks to Mark Pedersen, KC2UES for his excellent work as team captain, Nick - AF2M net control, and Brian - WM2W for preparing the Incident Command System briefing.



Regatta Course



Nick AF2M at Net Control



Paul KD2DO and Brian WM2M at the Start Line

## Please mark your calendars for our upcoming RARA Public Service Events

Event	Location	Day	Date
Pumpkin Patrol	Bridges of NYS Thruway	Sunday, Monday	Oct. 30, 31, 2022
2023 ADA Tour de Cure	Xerox Campus, Webster	Saturday	June 10, 2023

# 2022 AUCTION INFORMATION

BRIAN O'CONNOR, KA2CGB

The Annual RARA Auction will start at 7:00PM on Wednesday, November 2<sup>nd</sup>.  
Schedule of events:

- 5:45 p.m. – Volunteers set-up room for the auction.
- 6:15 p.m. – Doors open for Members to stage items for sale.
- 6:30 p.m. – Buyers are invited to inspect the auction items.
- 7:00 p.m. – Brief presentation prior to start of auction.

Note: RARA will NOT be offering refreshments at this meeting. Only bottled water is permitted in the meeting room.

## Sellers

Bring a *Radio, Antenna, Tuner, Tool, Test Instrument or Accessory* that another ham can put to good use. Take the time to wipe it down and test it. *Leave the junk box at home*. Only ham radio related items, please.

Because space is limited, please limit yourself to *2 or 3 items for sale*.

Please complete the *Auction Item Description* form in advance. Print it from this RAG or download the PDF form from <https://www.rochesterham.org>.

Once an item is placed for inspection it cannot be removed from the auction for a private same-day sale.

The Seller's Premium (commission) is 10% of sale amount, rounded to the nearest dollar; minimum commission per item is \$1.

Carry In, Carry Out: *If your item doesn't sell then you must take it home*.

## Buyers

Each item auctioned is a private sale between the individual parties. RARA equipment is sold on an "as-is, where-is" basis.

Cash sales only. All sales are final. The cashier will settle all transactions in whole dollars.

## Members Only

Everyone needs to check in at the Membership desk. To avoid delays on auction night, just Sign Up or Renew your membership on-line at:

[https://www.rochesterham.org/membership\\_data.aspx](https://www.rochesterham.org/membership_data.aspx)



At check-in, each Member will be given some *Item Interest Tokens* (stickers). If you are interested in a particular item, then attach one (or more) of your tokens to the *Item Description Form* before the auction begins. Those items with more tokens may be brought up for auction sooner than later.

## Hazmat

Some Ham stuff can be hazardous. We need to protect the facility as well as everyone handling the items. So, don't bring anything that is leaking or will leave a stain.

Any item containing potentially hazardous materials such as mercury (older rectifier tubes), PCBs (older capacitors), beryllium (high power tubes) or lead (solder, lead-acid batteries) must not contaminate the facility. Potential hazmat items must be packaged in a clear zip-lock bag or in a plastic bucket, tote or similar container.

## Finally...

*Come and have fun!*

73



# RARA AUCTION FINDS

TIM GUYOT, KB1POP

I've told myself I'd write this for a while. With the November RARA Auction coming around again, I decided it was finally time. There are two points I want to focus on:

- 1) The RARA Auction is a great opportunity to get your hands on some well-priced equipment
- 2) In older gear, capacitor replacement is inexpensive, often simple, and demonstrably worth the small cost and effort.

## Part one, the auction find!

I picked up this EICO 324 frequency generator (150kHz to 435MHz) for \$3. Yes, you read it right: \$3. I knew this wasn't an HP 86xxx generator with .00000x precision, but for someone without any frequency source, and an interest in being able to perform basic repairs, it seemed like a good start. At the top end of its range, the output is quite low, but mid-range, it has enough output and stability to check the dial tracking on an AM radio or align IF stages. The dial can be a bit imprecise but my scope has a frequency counter so I can see when I'm on point. Suitable rudimentary counters with digital displays can also be had for under \$10. (Many modern HTs have this functionality as well)

## Part two, capacitors!

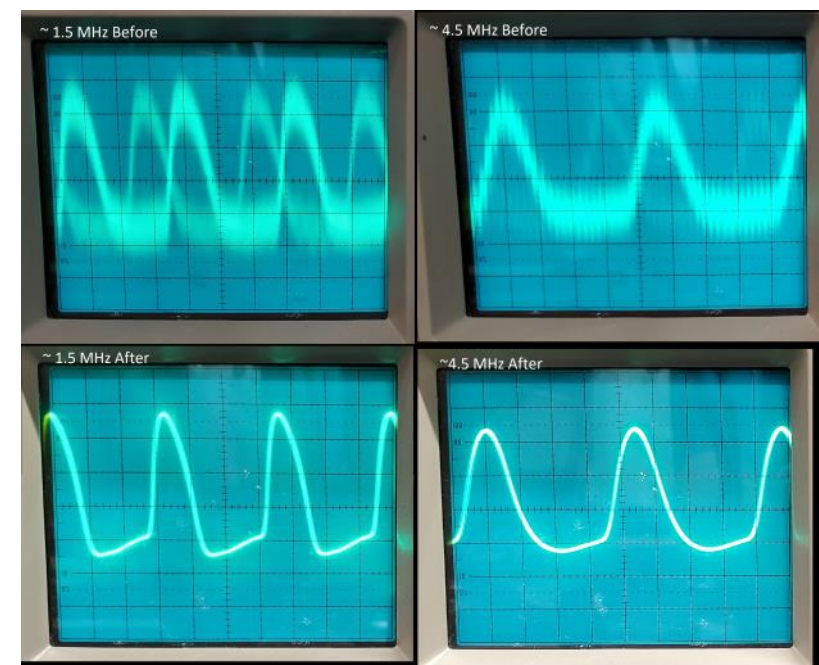
I knew that it was right to replace the wax capacitors for performance and the EMI filter capacitors for safety. While I was at it, I wanted to replace the selenium rectifier as well. Had I sourced the parts individually, I could have done it for less, but I found a kit with everything including all the power supply components already mounted to a set of lugs ready to bolt in for \$30.

Replacement of the 9 capacitors was of course very straightforward. I burned a lot of time trying to find the outer foil of the new capacitors. (See this video where Mr. Carlson explains capacitor foil: [https://www.youtube.com/watch?v=BnR\\_DLd1PDI](https://www.youtube.com/watch?v=BnR_DLd1PDI)) I must be incompetent...because I couldn't find a difference using this method, so I just moved on and installed—it is all in a metal box after all.

Well, the proof is in the pudding...or the scope display. See the following images where I show the different before and after outputs. Yes, even after, it's not a perfect sine wave, but I suspect for the types of repairs I'm doing now, it will be more than sufficient. (My 1959 HP scope actually sees a tidy sine wave.)

## Wrap Up

I've grabbed a bunch of excellent deals at the RARA Auction over the years. Sure, I've had a few buys that didn't turn out so well, but those are nothing compared to the fun of attending and the excitement of bringing home something new (to me) to enjoy. Come join us, throw a few dollars down, and see what kind of fun you can get into.



# LEARN ABOUT HAM RADIO (AND MORE) AT THE LIBRARY

KARL HEINZ KREMER, K5KHK

Where do you go when you want to learn about something new in ham radio? There are of course the RARA education offerings, and there is the Internet. But there are also books. The ARRL has a whole section of its store reserved for the books they publish, and they gladly take your credit card information and ship you one or two or ten books, but that gets expensive quickly.

Another source for ham radio related books is the library. When you go to the Monroe County Public Library system at <https://libraryweb.org> you can do a search in their catalog about e.g., “ham radio” and find a lot of resources. I just did a quick search and it returned 40 items in the library’s catalog and three magazine articles. It also lists at which library branch these items (these are not just books) would be available (17 at the central library in Rochester, 8 in Gates, 6 in Brighton, Chili, Greece, Henrietta, and Webster and so on. It lists the format of these items: 34 are books, 3 DVDs, one audio book.



There are several copies of “Ham Radio for Dummies” in different editions, different editions of the ARRL license manuals for different licensing levels and other books to introduce you to ham radio. If you ever wanted to read L. B. Cebik’s “Setting up and using your own ham shack”, that book is available today (as of this writing at least it’s not checked out) at the central library in Rochester at shelf location 621.3841 C387s (OK, I have to admit, this may not be the most up to date way of setting up your hamshack). They have older edition of the ARRL handbook and the ARRL antenna book.

Their search algorithm is not perfect, and it turned up a number of books that are clearly not related to ham radio (e.g., Hamsters for Dummies).

You can of course search for other terms and learn about electronics or antennas (L. A. Moxon’s HF Antennas for all Locations is also available today in Rochester).

If you want to get a license manual to study for your first license or an upgrade, keep in mind that it helps to have the current edition of the manual, older editions do not cover the current question pool.

Once you’ve exhausted the local library, you can branch out a bit and sign up for an account with the New York Public Library (NYPL). As a New York resident, you are eligible for an account with them. And the next time you are in New

York, you can pick up your library card. But even before that, you can use their extensive catalog of eBooks that you can read on your Kindle, in the browser on your computer or on your phone or tablet. You will find Ham Radio for Dummies as eBook, but they also have a very interesting selection of books about electronics, Raspberry Pi computers or Arduino projects.



Another interesting aspect of a NYPL membership is that they provide access to PressReader, which is a service that allows you to read magazines online. Here, the selection for ham radio is a bit sparse: The only relevant magazine I found was Practical Wireless, but you might be interested in other topics.

The next time you are looking for information about something, also think about the library and not just the usual search engine suspects.



## RARA PRESENCE AT THE ELMIRA HAMFEST

SUSAN AIELLO, W2SBA, AND KARL HEINZ KREMER, K5KHK

We would like to say a big “Thank you!” to Reiner Dieg, N2PEZ, for extending an invitation from the ARAST (Amateur Radio Association of the Southern Tier) leadership to RARA to participate in the Elmira Hamfest on Sept. 24. We were offered a table in the vendor building where we set up the RARA flag and membership materials to present our club. This was our first time attending this long-time event and we were happy to participate as Reiner and other Elmira members are active in our club. It was nice to see familiar RARA faces as well as meeting some of the hamfest organizers and club members. There was a nice selection of vendors and delicious breakfast sandwiches. Quicksilver Radio was the primary commercial vendor.



We also connected with a number of POTA activators that we knew from on-the-air contacts. It's always nice to have an eyeball QSO.

Best of all we signed up 2 new members and even took a RARA renewal payment! Winning one of their great raffle prizes would have been the icing on the cake, but our POTA activation at the Catherine Creek Wildlife Management Area just south of Watkins Glen was a satisfying consolation prize. Our drive home along Seneca Lake was pretty nice too, with our annual stop at a winery for their Federweisser Festival (ask us and will be glad to tell you about this German tradition!).

## MONROE COUNTY ARES/RACES ACTIVITY

JON DICKASON N2JAC

### Ginna Drill

Aug. 29 was the annual Federal Emergency Management Agency (FEMA) exercise for the Ginna nuclear power plant. Monroe County Amateur Radio Emergency Service (ARES) had a net control at Webster Recreation Center. We had several members simulate shelters around the county. We were in contact with Wayne County Radio Amateur Civil Emergency Service (RACES) on their repeater and ours, AWA in Ontario County, and we had a liaison station in Livingston County. We sent some Winlink and APRS messages.

### Simulated Emergency Test

Oct. 1 was the ARRL annual Simulated Emergency Test (SET). We setup net control at Highland Hospital, and an HF station at Monroe County Fleet Center, where county supplies would be distributed in an emergency. Several stations checked in to simulate shelter locations. We planned comms with Orleans ARES, but we were unable to hear them on HF or our repeater, although they did say they heard us on the repeater. We successfully used 6M, HF NVIS voice, and sent some Winlink emails by VHF packet and HF.

The ARES Net meets every Thursday at 19:00 hours—7:00 p.m. local on the W2ARM repeater system, VHF 146.61 MHz (-) 110.9 Hz PL tone. For more information, please visit <https://monroecountymcomm.org/>

Photos are at <https://photos.app.goo.gl/fabvGsfERkaN2dUJ7>

### Silent Key

Ronald Roach  
W2FUI  
October 4, 2022

### Silent Key

Len Gessin  
WA2ZNC  
September 19, 2022



# PUMPKIN PATROL QSO PARTY

Ev Tupis, W2EV

Sunday, October 30 @ 9-10PM on 146.52, .55, .58 SIMPLEX

Monday, October 31 @ 9-10PM on 146.52, .55, .58 SIMPLEX

In "days gone by", hardly a year would go by without hearing reports of pumpkins being dropped from bridges onto the roads below, resulting in significant safety concerns.

Amateur Radio's Public Service "DNA" came to the rescue with: The Pumpkin Patrol. Each year, volunteer Amateur Radio operators donate time on each of two nights to oversee strategic Interstate 90 thruway bridges across Monroe County. The result? To the delight of law enforcement agencies, there have been significantly fewer "bridge-based shenanigans".

Amateur radio volunteers begin their bridge-shifts after nightfall and stay alert until around 11 PM, checking-in to a repeater "net control" every half-hour and are empowered to report any abnormal activity immediately to 911.

Still, it isn't always easy to remain alert through this entire period. That's where the rest of us can help!

Introducing: the 3rd running of the Pumpkin Patrol QSO Party (PPQP); a 1-hour on-the-air activity designed for fun with the purpose of helping these volunteers stay as alert as possible. We can even participate from the comfort of our own homes!

On both Sunday, October 30 and Monday, October 31 from 9PM until 10PM, activate on 146.52, .55 and/or 146.58 SIMPLEX (not a repeater) and make contact with as many "Bridgies" as you can. Home stations supply their callsign and Grid4 and ask for the "Bridgies" Callsign, county and bridge number. Example:

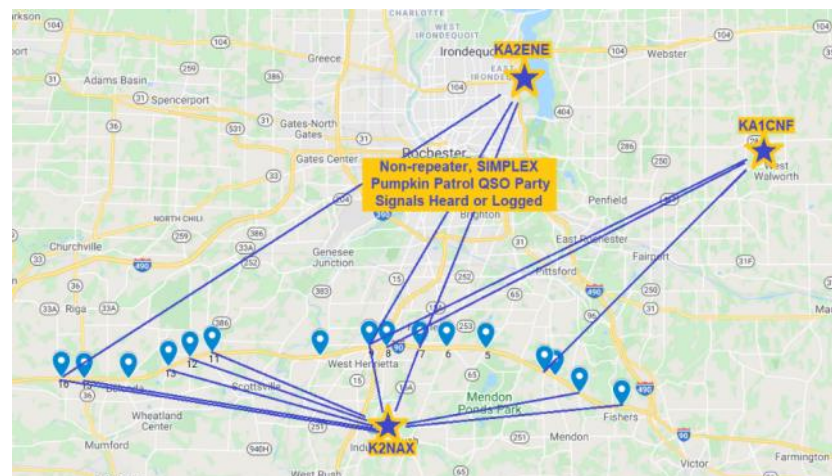
Home Station: CQ PPQP, this is W2EV.

Bridgie: W2EV, this is W2SUZ. I'm on Monroe #6.

Home Station: Roger, W2SUZ this is W2EV. I'm in FN03.

It's just that easy!

SIMPLEX results from previous years were astounding. Here are three home-stations and who they contacted:



This is not a contest. The only guidelines are: (1) only QSO's with bridge-deployed amateur radio licensed volunteers count and (2) QSO's can be repeated each night (the contacts that you make on the first night be re-contacted on the second, even if it is the same call sign at the bridge).

Home stations are encouraged to keep a log and to send it to W2EV@yahoo.com. If I receive enough logs, results will be tabulated for a future RARA Rag.

Let's all show support for the Pumpkin Patrol volunteers on October 30 and 31! Join the PPQP at 9 PM each night.

## Silent Key

Dick Goslee

KG2I

September 27, 2022

# RARA CALENDAR

TIM BARRETT, K9VB, MEMBERSHIP SECRETARY


November 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<b>1</b> RTTYOPS Weeksprint Phone Weekly Test	<b>2</b> <b>RARA Annul Auction 7p</b> <b>ROC City Net ~3.830 MHz, 7 pm</b> Walk for the Bacon QRP Contest A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest UKEICC 80m Contest	<b>3</b> <b>RARA BoD Mtg 6:30pm</b> <b>ARES Net 146.610 MHz, 7pm</b> <b>VHF Group 9pm 50.200 USB</b> Walk for the Bacon QRP Contest NRAU 10m Activity Contest RTTYOPS Weeksprint NCCC Sprints SKCC Sprints Europe	<b>4</b> K1USN Slow Speed Test	<b>5</b> <b>ROC City Net 28.405 MHz, 9:00p</b> Gunung Jsti DX Contest <b>ARRL Sweepstakes, CW</b>
<b>6</b> <b>ARRL Sweepstakes, CW</b> Eanet Sprint K1USN Slow Speed Test High Speed Club CW Contes	<b>7</b> <b>AWA Net 145.110 MHz, 7pm</b> <b>VHF Group 9pm 144.260 SSB</b> ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest RSGB Autumn Series, Data ARS Spartan Sprint	<b>8</b> RTTYOPS Weeksprint Phone Weekly Test	<b>9</b> <b>ROC City Net ~3.830 MHz, 7 pm</b> A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest	<b>10</b> <b>ARES Net 146.610 MHz, 7pm</b> <b>VHF Group 9pm 50.200 USB</b> RTTYOPS Weeksprint NCCC Sprints EACW Meeting	<b>11</b> K1USN Slow Speed Test	<b>12</b> <b>RaRa Academy ONLINE</b> <b>ROC City Net 28.405 MHz, 9:00p</b> <b>ARRL EME Contest</b> WAE DX Contest, RTTY PODXS 070 Club Triple Play 10-10 Fall Contest, Digital <b>AWA Bruce Kelley 1929 Party</b> OK/OM DX Contest, CW J1DX Phone Contest FISTS Saturday Sprint CQ-WE Contest
<b>13</b> <b>ARRL EME Contest</b> WAE DX Contest, RTTY PODXS 070 Club Triple Play 10-10 Fall Contest, Digital <b>AWA Bruce Kelley 1929 Party</b> OK/OM DX Contest, CW J1DX Phone Contest CQ-WE Contest FIRAC HF Contest	<b>14</b> <b>AWA Net 145.110 MHz, 7pm</b> <b>VHF Group 9pm 144.260 SSB</b> ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	<b>15</b> RTTYOPS Weeksprint Phone Weekly Test	<b>16</b> <b>ROC City Net ~3.830 MHz, 7 pm</b> A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest RSGB Autumn Series, SSB	<b>17</b> <b>ARES Net 146.610 MHz, 7pm</b> <b>VHF Group 9pm 50.200 USB</b> RTTYOPS Weeksprint NCCC Sprints Walk for the Bacon QRP Contest NTC QSO Party	<b>18</b> K1USN Slow Speed Test YO International PSK31 Contest	<b>19</b> <b>ROC City Net 28.405 MHz, 9:00p</b> <b>License Testing at RIT</b> <b>ARRL Sweepstakes, SSB</b> LZ DX Contest All Austria 160M Contest RSGB 1.8MHz Contest SARL Field Day Contest Ref 160m Contest South American Contest, CW
<b>20</b> <b>ARRL Sweepstakes, SSB</b> LZ DX Contest RSGB 1.8MHz Contest Ref 160m Contest South American Contest, CW Homebrew Equipment Party	<b>21</b> <b>AWA Net 145.110 MHz, 7pm</b> <b>VHF Group 9pm 144.260 SSB</b> ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	<b>22</b> RTTYOPS Weeksprint Phone Weekly Test	<b>23</b> <b>ROC City Net ~3.830 MHz, 7 pm</b> A1 Club AWT CWOps Test	<b>24</b> <b>ARES Net 146.610 MHz, 7pm</b> <b>VHF Group 9pm 50.200 USB</b> RTTYOPS Weeksprint NCCC Sprints RSGB 80m Autumn Series, CW	<b>25</b> K1USN Slow Speed Test	<b>26</b> <b>ROC City Net 28.405 MHz, 9:00p</b> <b>CQ Worldwide DX Contest, CW</b> Ham Spirit Contest, SSB
<b>27</b> <b>CQ Worldwide DX Contest, CW</b> Ham Spirit Contest, SSB	<b>28</b> <b>AWA Net 145.110 MHz, 7pm</b> <b>VHF Group 9pm 144.260 SSB</b> ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest RSGB FT4 Contest	<b>29</b> RTTYOPS Weeksprint Phone Weekly Test	<b>30</b> <b>ROC City Net ~3.830 MHz, 7 pm</b> A1 Club AWT CWOps Test UKEICC 80m Contest			

# RAGS OF THE PAST

## ED GABLE, K2MP, RARA HISTORIAN

20 Years Ago, November 2002

President Marykay Vesco wrote to announce this month's meeting topic instead of the traditional VP heading up that task. Perhaps it was due to the very familiar cast and topic for the evening, being the Annual RARA Auction, with Ed Gable K2MP and Dick Goslee (sk) K2VCZ as auctioneers along with RARA's expert Audio Engineer Brad Allen (sk) KB2CHY. The Henrietta Fire Hall was the venue and an early door opening time of 7:00 p.m. was announced to let people bring in items and get a preview before the first gavel drop at 8:00 p.m. The rest of the topic, taking up the entire first page, covered rules of the game including the all-important 10% seller's fee that annually was a great benefit to the club's treasury. Marykay Vesco continued with her "The Prez Sez" column where she thanked last month's program presenters for their excellent coverage of the JO-TA program. She went on to remind local Western NY Amateurs that it is time to elect the ARRL WNY Director. This election saw Bernie Fuller N3EFN, incumbent, running against Tony Gargano W2SS. Writing for the familiar, much loved and regularly referenced Radio Amateur Callbook, also called the Flying Horse Callbook for its familiar cover art, was Margaret Ratajczak, where she announced that the most recent paper printed issue, the 75th edition, would be the last. High printing costs and an ever increasing demand for a CD-product were the causes. The RAC was first printed in 1920. George Platteter (sk) AA2FO, published here a complete schedule of RARA Testing Sessions from Sept 2002, to May 2003, with most sessions being the fourth Saturday of the month. A common voice was seen in this issue with the return of a long term "ham radio reporter at large" in the form of Dwight Hill K2KWK. Dwight, in his usual style of making every word count towards communicating needed information on local Amateur news, in this issue collected and printed information on how you should use local Amateur Radio VHF-UHF FM Bulletin Boards. Such Boards were scheduled throughout the week and operated by K2KWK, WA2MYG, RARA via phone line, N2HJD and W2SA, reported Dwight. A sudden loss of the familiar 111 Westfall Road and its many meeting venues, was suddenly imposed upon all RARA groups and affiliates, reported RARA Secretary Bill Kasperkoski WB2SXY. Bill did not reveal the cause for the loss of use, but did report that use might be approved for a one-time gathering use but only if scheduled through Ed Holdsworth (sk) N2EH. Four full pages of this, and three other issues, were devoted to one author of a highly technical paper that was reprinted from a German language Ham publication. A complete waste of time, paper and ink, in my never to be humble opinion. With regret Mr. A. Prose Walker W4BW, Theron Lillie WA2UIG, Orville Potter WB2FPT and Nancy Walter N2POI, were reported as silent keys. There were no personal Want Ads in this issue but old and reliable Glenwood Sales of Hague Street remains glued to the last page location.



# the RARA RAG

Published by  
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 55      NOVEMBER 2002      NO. 3

## Annual RaRa Members Auction November 1, 2002

Marykay Vesco, KC2DPG

It's that time of year again for our annual auction; it's so exciting! As tradition has it, our auctioneers and comedy entertainment will be hosted by our very own Great Amateur Radio Experts: Ed Gable, K2MP and Dick Goslee, K2VCZ; accompanied by Brad Allen, KB2CHY, our Expert Sound Effects and Audio Engineer. So lets dig out that surplus equipment that's just sitting in your shack or garage and watch these experts extract the highest bid for your hidden treasures. This auction is also, a great way to find that elusive and inexpensive piece or pieces of equipment you have been waiting for but just couldn't get your hands onto. It is also a nice way for your other half to approve of a purchase or sale of radio equipment.

Doors will open at 7:00 P.M., so that sellers may come early to place your equipment on the tables; and buyers may come early to preview the selections and to plan buying strategies. There will be no regular business meeting this month, so the auction will start promptly at 8:00 P.M. If you are late, you may miss some exciting opportunities.

Ok, down to business. As you all know we have some very important but simple rules to be followed to make this buying and selling auction a great and fair experience for everyone.

RARA assesses a fee of 10% on each sale (this benefits the club and is an important fundraiser for paying the bills). The seller pays the fee from the proceeds of the sale. Both the seller and the buyer must come forward to the Treasures table as soon as the item is declared SOLD by the auctioneers. This is a Members only auction; therefore, you must be a RARA

member to gain entrance to the auction. Forgot to pay your dues, don't worry membership renewals may be paid the night of the auction! Each paid member may bring ONE guest to the auction. Please respect the auction protocol, NO PARKING LOT SALES or SALES PRIOR TO THE START OF THE AUCTION. As stated before, this event will benefit your club and is a very important fundraiser for paying our bills. Don't forget donations to RARA are tax deductible!

So treat yourself to a fun, exciting, and entertaining Friday evening with your fellow amateur radio friends. Doors open at 7:00 P.M. and auction starts promptly at 8:00 P.M. at the Henrietta Fire Hall, 3129 E Henrietta Road. As always, refreshments will be available!

## Annual RARA Auction

November 1, 2002

Henrietta Fire Hall,  
3129 E. Henrietta Rd.

Auctioneers

Ed Gable, K2MP  
And  
Dick Goslee, K2VCZ



Some things never change and it seems that is true with the date of the RARA Annual Auction that seems stuck in November. The venue has changed many times and back in this era the gavel fell at the Police and Fire Academy on Scottsville Road. K2JD Trustee Ed Holdsworth (sk) N2EH, called for a special work party to move the K2JD tower and attached yagis, from the lola complex to the roof of 111 Westfall Road. Reported was the loss of RARA's long term volunteer computer service that maintained the membership data base. Long time RARA member and volunteer Doug Wilson KA8IGS, was charged with solving this pesky problem as with membership levels exceeding 926, these records need close attention, said Membership Chmn Irv Goodman AF2K. Irv also mentioned that this year's Club directory, with over 2600 listings, is ready for delivery or pick up at meetings. Writing for the RRRA was Ed Neubauer N2BXA, who told that their next meeting would feature Nelson Nail WA2ZPE, speaking on RTTY operating. Continuing on local FM news was Craig Stolze WB2AQQ, telling that his repeater is vacating 78/18 and moving to 11/51 with many new features such as an auto-dial phone patch. Dick Goslee (sk) K2VCZ, reported a new computer bulletin board, with emphasis on ham radio topics, was now available for use and sponsored by the Heathkit Electronic Center where Dick was the General Manager. The RDXA was heard from where Rick Berg KS2F, reported their next meeting would be a slide presentation on the recently staged VS500 DX-pedition to Brunei. In a similar fashion, Tom Richmond WB2IEY, reported the next meeting of the Rochester VHF group would feature Show "N Tell night. Bruce Kelley W2ICE, reported that 700 members of the Antique Wireless Association gathered in Canandaigua for a five day convention where five countries and all U.S. Districts were represented. The FCC announced a proposal to change Amateur transmit power levels from 1,000 watt DC input to 1,500 watts pep output power. Dave Rubin N3CKN, wrote telling of the formation of a Ham Radio Club Station at the Jewish Community Center and that donations of Amateur Radio equipment would be appreciated. With regret William Nixon KA2EFK and Clarence (Ducky) Dengler W2LK were listed as Silent Keys. Ducky Dengler was an active ham in Rochester, was a past RARA President, a member of the Antique Wireless Association and was the first Chief Engineer for pioneering radio station WHAM. He also hand built the first police radio transmitter for the Rochester police department and licensed it as WPDR (Police Department Radio). DX Communications of West Seneca, NY with WA2AOG owner remained a long term advertiser.

# The RaRa Rag

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## ANNUAL RaRa AUCTION: NOVEMBER 5th

Our annual custom of November is the club auction. It will take place at the Rochester Police and Fire Academy located on Scottsville Road. This is opposite the east side of the Monroe County Airport.

We offer the following guidelines to promote an efficient and effective auction:

- 1.) Clearly label or identify each item or box of goodies.
- 2.) Include your name and call-sign.
- 3.) Indicate opening price. Indicate whether or not you wish the item to be "chineseed", if there are no bids made.
- 4.) State the condition of the item, such as whether or not it needs work, etc. Items other than those in common amateur use should include a note with information which will help the auctioneer present the item in a correct and informative manner.

Immediately after each sale, both the buyer and seller should step up front to the exchange desk to complete the matter. RaRa will receive, from the seller, 10% of the final price for each transaction. RaRa also welcomes outright donation of items to boost the RaRa treasury.

Please be aware that RaRa does not assume responsibility for the condition of items, that matter being between the buyer and seller of each item. It does enhance the quality of the auction event if items are carefully inspected by prospective buyers and properly labeled by the seller.

The RaRa Auction starts promptly at 8 p.m. However the doors open at 7 p.m. to allow for set-up and inspection. All members of RaRa are welcome. Members may bring one guest. The membership chairman is available and ready to re-new old membership and process new members.

## K2JD WORK PARTY

NOVEMBER 6 — 9 a.m.

See special note inside.

## AWA CONFERENCE TOPS ALL PREVIOUS EVENTS

Nearly 700 members from Canada, Austria, Switzerland, France and all U.S. districts convened at Canandaigua for the recent 5-day historical meet. Programming included operation and adjustment of a spark transmitter using an oscilloscope (!) plus papers on DeForest, Philco and other pioneers. A highlight of the event was an auction, with a percentage going to the Museum Maintenance Fund.

Old battery sets sold for as much as \$900, and a rare key for \$750 — probably the most ever paid for either a radio or telegraph key.

Bill Grenfell, W4GF, former F.C.C. Chief, presented the Association a complete set of amateur radio postage stamps (in a glass frame) from A.R.R.L. President Vic Clar, W4KFC. A similar event is scheduled next year the same time and place.

— Bruce Kelley, W2ICE, Club Historian

## SILENT KEYS

KA2EFK, William T. Nixon

Clarence E. Dengler, W2LK, "Duck"

Clarence built his first set before World War I, being interested in radio from his early days. He also built the first police radio (WPDR) transmitter for the Rochester Police Department in 1931 and remained in charge of their system until retiring in 1963. He was the pioneer operator at WHAM in 1924/25, that station being owned by the University of Rochester then and located in the Eastman School downtown.

"Duck" as he was familiarly known was President of the Rochester Radio Club in the 1920's, the club which preceded RaRa. He also was active in the Antique Wireless Association where he was a Director.

He was National Historian for the Association of Public Safety Communications, formerly Association of Police Communication Officers. He is nationally known for his articles entitled "Glancing Back".

# VE TEAM

## Testing takes place on the 3rd Saturday September - April

Dates for 2022: 11/19, 12/17

Dates for 2023: 1/21, 2/18, 3/18, 4/15

## Testing Location

RIT

Rochester Institute of Technology

Building 16 -Schmitt Interfaith Center

43.08402626755475, -77.6734520379509

- Easiest path is from Parking Lot D it can be accessed from West Jefferson Rd via Andrews Memorial Dr or Lowenthal Rd
- From parking lot D walk south up the ramp to the Schmitt Interfaith Center.
- Once inside there is an elevator over to your left or stairs in front of you. Go to the first floor and you will find the Skalny room.

**Please Note:** this room cannot be accessed from the door under the bridge.

Pre-registration is required visit:

<https://hamstudy.org/sessions/14612/inperson> to find the latest session.

More information is available on the RARA website:

[https://rochesterham.org/license\\_testing.htm](https://rochesterham.org/license_testing.htm)

Applicants must supply their own pen, pencil, calculator

Testing begins at 10:00AM.

**Also Note:** The exam is free however the FCC now charges \$35 for applications. This fee is NOT paid to the VE team. It is paid directly to the FCC. You will receive an email from the FCC when your application is processed. We will also have an information sheet available

## VE's Needed

We are looking for 2 or 3 amateur EXTRA class licensees to help out during our testing sessions.

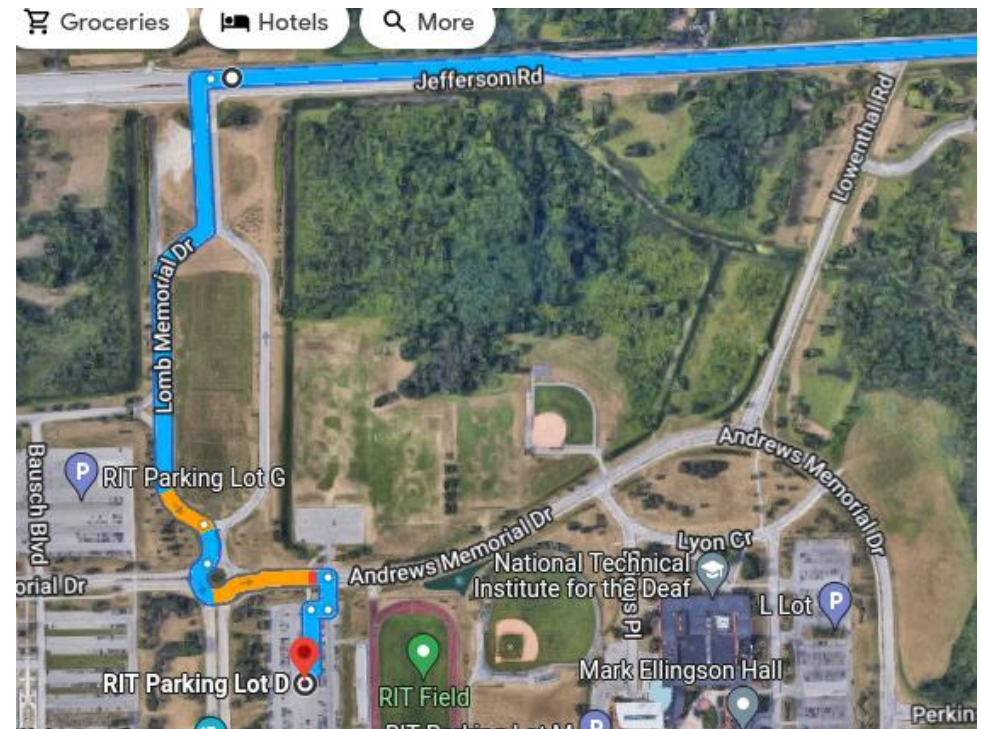
We have sessions once a month at RIT.

Contact AC2EV for an application.

[dkiser100@gmail.com](mailto:dkiser100@gmail.com)

<b>Leonard Brown</b>	TBD	T	<b>David Jackson</b>	TBD	T
Henry Kingston	K2NAH	G	<b>Alton Lee</b>	TBD	T

**New licensees' names are in BOLD**





## NEWS FROM AREA CLUBS

### MONROE COUNTY ARES / RACES News

Monroe County Amateur Radio Emergency Service (ARES)® is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.



The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. Anyone interested, members and non-members, are welcome to attend.

Until further notice, our meetings are via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to: [secretary@monroecountyemcomm.org](mailto:secretary@monroecountyemcomm.org).

Monroe County ARES/RACES meets on the air every Thursday of the month at 7:00 PM, on the N2MPE 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC.

There is no net on nights when we hold our regular meeting, generally on the 4th Thursday of the month.

WEB: [www.monroecountyemcomm.org](http://www.monroecountyemcomm.org)

Facebook: Monroe County Amateur Radio Emergency Service, Inc.

Twitter @MCARESNY

**Severe Weather Alerts:** Winter may bring severe weather in the form of heavy snowstorms, strong winds, and flooding. If you experience severe weather, especially when accompanied by damage to property in your area, listen to your local ARES/RACES repeaters for information. While official ARES/RACES activation could be a possibility, it is more important that we open a spontaneous net simply to share information about weather conditions in your immediate area. Don't wait for someone else to do it. Pick up the microphone and start a net. Have each check-in station give you a situational awareness report and emergency power report. If you don't have a copy of the directed net protocol, you can find one at the WEB address listed above. (Activities/ARES Net/ Net Script/ Downloads). We encourage all amateur radio operators to take a free Skywarn TM class offered by the National Weather Service. The schedule of classes can be found at <https://www.weather.gov/buf/skywarn>

Monroe County ARES  
George Adams IV, Net Control - [cq@k4gwa.net](mailto:cq@k4gwa.net)

### ROCHESTER DX Association, RDXA

Please check our website [www.rdxa.com](http://www.rdxa.com) for up-to-date information regarding meeting locations and requirements, if any.



### ROCHESTER RADIO REPEATER ASSOCIATION

Stay tuned to our web site [www.k2rra.org](http://www.k2rra.org) for current information.

### XXR AMATEUR RADIO CLUB

The XXR Amateur Radio Club is not having in-person meetings at this time. We are having online meetings usually on the second Thursday of the months Sept-June. Get the latest updates at <http://xarc.us>



## ROCHESTER VHF GROUP

**You are invited to join us on-line & on-the-air! We're here to help you to use the license that you worked so hard to get.**



**Check out what we do by visiting our website at <http://RVHFG.org> to start.**

**Join our e-mail group by sending a message to [RVHFG+subscribe@groups.io](mailto:RVHFG+subscribe@groups.io).**

**Join our weekly on-the-air nets on SSB:  
2 meter band - Monday 9 PM 144.260 USB  
6 meter band - Thursday 9 PM 50.205 USB**

**No VHF SSB radio (yet) to join the nets?  
Log-in to Echolink ka2ene-L #23426**

**We can help to answer the question, "What radio should I buy?" Here's a list of HF+++ radios, those with the HF bands and at least three VHF bands, giving you access to all sorts of VHF fun. Research each one to see which serves you best. Ask questions on our email list. We're here to help!**

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

**Some are older models and some are newer models, but all provide access to the 6 meter, 2 meter, and 70 centimeter bands using both traditional FM and the exciting narrow-band SSB mode that supports unexpectedly long-distance (100's of km's routinely and 1,000's of km occasionally) VHF communication. These are good all-around radios no matter what club you end up affiliating with later. We hope its us.**

## AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER, ARAST

ARAST would like to thank everyone who attended the Elmira Hamfest on September 24, with special thanks to KLARA for providing the VEs and to RARA for their attendance and the publicity in the Rag. We look forward to seeing everyone on the last Saturday in September next year. Congrats to all those who got their first license or upgraded!

Currently, ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month except February at the same location. Both organizations serve amateurs in Chemung, Steuben and Schuyler counties in New York and Bradford and Tioga counties in Pennsylvania. All are welcome to attend our meetings.

NOTE: Both CCARES and ARAST monthly meetings are now being held both in person and online. Check out the Upcoming Events at our website, [www.arast.info](http://www.arast.info), for the latest details.

Don't forget to check out our repeaters when you visit the area. N3AQ 147.36(+) and the W2ZJ 146.70(-) are the principal 2-meter repeaters. The latter can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters that can be heard in the Twin Tiers area surrounding Chemung County can be found at [http://www.arast.info/arast\\_website/public/repeaters.php](http://www.arast.info/arast_website/public/repeaters.php).

We also invite you to check out our new 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. The net usually lasts approximately one hour. Operators are encouraged to check in and participate in the round table discussions or simply stop by from time to time. Topics are wide-reaching and are not confined to 6 meters--although discussions tend to center around 6-meter equipment, antennas, propagation, latest band openings and grid squares worked, as well as AM, FM and FT-8 use of the 6-meter band. We would welcome more participation from the western part of our area.

## COMMUNITY AMATEUR RADIO CLUB, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refreshers period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

## DIGITAL COMMUNICATIONS ASSOCIATION OF PERINTON, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non-club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

## DRUMLINS AMATEUR RADIO CLUB

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is <http://drumlinsarc.us/>

## KEUKA LAKE AMATEUR RADIO ASSOCIATION, KLARA

The Keuka Lake Amateur Radio Association will be working the Wineglass Marathon on Oct 2, 2022.

We had a great Hamfest and wish to thank all who participated. It was great to see so many tailgaters, and people coming to see us! The Breakfast was a hit as always and everyone was happy with the door prizes. Thank you all.

Our next meeting is Oct 14, 2022 and in November it is the 9th. Join us on Monday through Friday morning HF net on 3.896MHz, with check-in at 8:30 a.m. and the net starting 8:45 a.m. On Sunday nights is our 2 meter net at 7:00 p.m. We are on the KLARA Repeater system and on Echolink at N2AAR-R. You don't need to be a member of KLARA to participate and we have trivia each time after check-ins.

Sept, 14 is election of officers so watch our website for updates. [www.klara.us](http://www.klara.us)

## ORLEANS COUNTY AMATEUR RADIO CLUB

The Orleans County ARC meets every 2<sup>nd</sup> Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website <http://ocarc.us> or contact club Secretary Ron Craig, N5BNO for more information.

## SKENOH ISLAND AMATEUR RADIO CLUB, SIARC

The Skenoh Island Amateur Radio Club (SIARC) meets every second Wednesday of the month at 7:30 p.m. at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30 p.m. The next meeting will be on Wednesday Nov. 9 and there will not be License Exam Testing at this meeting.

SIARC is also holding a Health and Welfare NET Monday through Friday each week at 20:00 hours on the SIARC 146.820MHz repeater (located in Canandaigua, NY), Tone 110.9. This Net is to pass along general information and keep hams in touch. All hams are invited to participate

Check the SIARC website for updates. <http://www.siarc.us/>

## THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

### THE RADIO AMATEUR IS:

<b>CONSIDERATE</b>	Never knowingly operating in such a way as to lessen the pleasure of others.
<b>LOYAL</b>	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
<b>PROGRESSIVE</b>	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
<b>FRIENDLY</b>	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
<b>BALANCED</b>	Radio is an avocation, never interfering with duties owed to family, job, school or community.
<b>PATRIOTIC</b>	With station and skill always ready for service to country and community.

# RARA OFFICERS, DIRECTORS AND COORDINATORS

## OFFICERS

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## DECEMBER RAG DEADLINE

### NOVEMBER 15, 2022

**RARA MEETS AT 7PM ON THE FIRST  
WEDNESDAY OF EACH MONTH.**






**JOIN US IN PERSON  
OR  
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**In Person Only for November Auction**

**CONTACT [WEBMASTER@ROCHESTERHAM.ORG](mailto:WEBMASTER@ROCHESTERHAM.ORG) FOR SUPPORT**

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